

SECRET**ACTION COPY**

P 130415Z MAR 68
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SECRET CITE NPIC 3232.

REF: S-0134-XX-2, 23 FEBRUARY 1968

SUBJ: EVALUATION OF MISSION BU 010643 FLOWN 7 DECEMBER 1967.

1. THIS MISSION EMPLOYED CAMERA NUMBER 43 FLOWN IN VEHICLE NUMBER H-82. PROCESSING WAS ACCOMPLISHED BY THE 7TH AIR FORCE.

2. EVALUATION OF ORIGINAL NEGATIVE:

A. EXPOSURE/RESOLUTION: THE DENSITY IS GOOD TO UNDER-EXPOSED AND THE RESOLUTION VARIES FROM GOOD TO POOR. THE IMAGERY AT THE LEADING (TAKE-UP) END OF THE FORMAT IS OF LOW CONTRAST, APPEARS UNDEREXPOSED AND VEILED. IMAGERY AT THE TRAILING END, HOWEVER, WAS GOOD CONTRAST AND EXPOSURE. THIS HOLDS TRUE FOR ALL FRAMES IN THE MISSION EXCEPT THE FIRST 14 WHICH ARE PRELAUNCH CHECKOUT EXPOSURES. FRAMES IN THE OBLIQUE POSITIONS CONTAIN MORE AREA OF DEGRADATION THAN DO VERTICAL FRAMES. APPARENT VEILING COVERS 40 TO 50 PERCENT OF ALL FRAMES AT THE BEGINNING OF THE MISSION AND INCREASES TO 100 PERCENT COVERAGE BY FRAME 850. IMAGERY PAST FRAME 850 IS ENTIRELY UNUSEABLE (THE LAST FRAME IN THE MISSION IS 1445). THIS VEILING CONDITION MAY POSSIBLY BE CAUSED BY CONDENSATION OR OTHER FOREIGN MATTER ON THE WINDOW.

B. CAMERA OPERATION: THE CAMERA WAS OPERATIONAL THROUGHOUT THE MISSION; HOWEVER, PLUS AND MINUS DENSITY STRAINS RUNNING PARALLEL TO THE DIRECTION OF SLIT TRAVEL INDICATE POSSIBLE SLIT EDGE UNEVENNESS. MINOR BANDING PARALLEL TO THE MINOR AXIS OF THE FILM IS PRESENT AT THE LEADING (TAKE-UP) END OF ALL FRAMES. SIMILAR BANDING ALSO APPEARS OCCASIONALLY IN OTHER SECTIONS OF THE FORMAT. SUCH BANDING INDICATES AN IRREGULAR SLIT MOVEMENT. THESE ANOMALIES CAUSE MINOR IMAGE DEGRADATION.

C. OTHER DEGRADATIONS: A ROW OF MINUS DENSITY DOTS SPACED 3.4 INCHES APART AND RUNNING PARALLEL TO THE MAJOR AXIS OF THE FILM BEGINS IN FRAME 15 AND CONTINUES FOR APPROXIMATELY THE NEXT 200 FRAMES. SCRATCHES, PINHOLE, AND EMULSION LIFTS APPEAR INTERMITTENTLY THROUGHOUT THE MISSION.

D. THE LAST FRAME OF THE MISSION IS TITLED 1445.

3. EVALUATION OF DUPLICATE POSITIVE:

A. NUMEROUS MINUS DENSITY DOTS OCCUR THROUGHOUT. OTHER THAN THIS, PRINTING AND PROCESSING WERE GOOD.

B. FI SUITABILITY IS POOR DUE TO THE APPARENT VEILED CONDITION OF THE IMAGERY.

C. CLOUDS OBSCURE OR DEGRADE APPROXIMATELY 50 PERCENT OF THE ENTIRE MISSION.

GP-1

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-END OF MESSAGE-

DECLASS REVIEW by NIMA/DOD

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

22601-8

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SIEB Cable Routing Slip

BU 4648

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Comments:

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